

# MOHIT SINHA

B.Tech. Metallurgical & Materials Engineering  
UG(IV Year I Semester)  
Contact No: +917417025281  
Email: msinha132@gmail.com  
Registration No: B.Tech./MT/15118044/2019

Indian Institute of  
Technology  
Roorkee



## Area of Interest

Machine Learning, Computer Vision, Algorithms

## Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2018	B.Tech. 3rd Year	Indian Institute of Technology Roorkee	8.4
2014	Twelfth	Christ Church Boys' School, Jabalpur (CBSE)	94.6 %
2012	Tenth	Christ Church Boys' School, Jabalpur (CBSE)	9.8

## Internships

**ML developer** | Spookfish Innovations, Bangalore

May 2018 - July 2018

- Developed the product for detection and comparison of human poses through visual feed, which uses Convolutional Neural Networks for pose detection and Procrustes Algorithm for pose comparison.
- Built a camera using embedded Raspberry Pi 2 in it. It can read pharma codes and detect labels, and communicate the final data

## Projects

**EDC Website** | IIT Roorkee

March 2016

- A fully functional website built using bootstrap(responsive) and backend on php to showcase our group activities. It uses neko-framework.

**mPaathshala** | IIT Roorkee

March 2016

- An app to make study material available on phones, uploaded through a website with backend in PHP and uses Retrofit2 REST client to make calls.

## Awards / Scholarships / Academic Achievements

- Ranked 12th all over India in ZS Datathon 2018 which is a Pan India Dataset solving competition.
- Rank 5180 in JEE Advanced 2015
- Rank 4776 in JEE Mains 2015
- National Talent Search Organisation state level scholar

## Skills

Computer languages	C++, Python
Software Packages	Scikit-learn, Keras, Git, Linux Shell, Android Studio
Additional Courses Taken	Neural Networks for Machine Learning by Geoffrey Hinton, CSN231n for Convolutional Neural Network by Fei Fei Li Stanford University, 6.006 Introduction to Algorithms MIT-OCW
Languages Known	English (SRW) , Hindi (SRW) , Spanish (SR)

## Positions of Responsibility & Extra Curriculars

**Member, Mobile Development Group, IITR**

February 2016 - January 2017

- Contributed to developing the app Campus Buddy which has 4.6/5 rating on Google Playstore and facilitated awareness of app development among freshers.

**Associate Member, Entrepreneurship Development Cell, IITR**

February 2016 - now

- Managed hospitality in various campus events such as Global Entrepreneurs Conclave'15 which is a summit providing interface between students and entrepreneurs

**Co-ordinator, TEDxIITRoorkee**

March 2017

- Managed hospitality of speakers as a part of team which pulled off the independently organized TED talk at campus

**Executive, Thomso'15 IITR**

October 2015

- Coordinated promotion of cultural annual fest Thomso in North India and was part of team which was responsible for record footfall

**Core Team Member, Student Mentorship Program, IITR**

April 2017

- Contributed to starting up the program in campus by coordinating with administration and student body

**Cadet, National Cadet Corps, IIT Roorkee**

August 2015 - January 2015

- Participated in various cadet activities like Blood Donation Camp and prestigious Guard of Honor twice.

## References

**Mr. Sudeep Sundaram**

Cofounder  
Spookfish Innovations, Bangalore  
sudeep@spookfish.in

**Mr. Gagesh Madaan**

Line Manager  
Get My Parking, New Delhi  
gagesh@getmyparking.com